Amendments to the Specification:

On Page 4, please replace the fifth paragraph added after the third paragraph on page 4 (added by the October 28, 2008 Examiner's Amendment) with the following rewritten paragraph:

FIG. 4 shows a QPSK having an ideal low-pass channel H_i having the band width T_g ω_g in which the signal progressions of the filters and the individual design steps are indicated;

On Page 4, please replace the sixth paragraph added after the third paragraph on page 4 (added by the October 28, 2008 Examiner's Amendment) with the following rewritten paragraph:

FIG. 5 shows a Nyquist flank of H_i, in which the conditions for avoiding cross-talk between the PSK signals are indicated, applied at T_g ω_g in the case of $P_{2m} = P_2 P_2^*$;

On Page 4, please replace the eighth paragraph added after the third paragraph on page 4 (added by the October 28, 2008 Examiner's Amendment) with the following rewritten paragraph:

FIG. 7 shows a cosine crest channel $H_c(T)$ $\underline{H_c(\omega)}$ that supplies a corresponding pulse response;

On <u>Page 4</u>, please replace the thirteenth paragraph added after the third paragraph on page 4 (added by the October 28, 2008 Examiner's Amendment) with the following rewritten paragraph:

FIG. 12 shows the transition to Q^nPSK and the overall spectrum $H_g(T)$ $\underline{H_g(\omega)}$, with the purely imaginary spectra shown with broken lines;

On <u>Page 4</u>, please replace the sixteenth paragraph added after the third paragraph on page 4 (added by the October 28, 2008 Examiner's Amendment) with the following rewritten paragraph:

FIG. 15 shows the duobinary multi-channel transmission using the example of a transmission spectrum $S(T)$ $\underline{S(\omega)}$ for Variant A and Variant B;

On <u>Page 4</u>, please replace the seventeeth paragraph added after the third paragraph on page 4 (added by the October 28,

2008 Examiner's Amendment) with the following rewritten paragraph:

FIG. 16 shows the implementation of the transmitter-side RSB filtering, in which the RSB filter which is shifted into the basic band is broken down into the even and odd portion ~~$H_g(j\textbf{T})$~~ $\underline{H_g(j\omega)}$ and ~~$H_u(j\textbf{T})$~~ $\underline{H_u(j\omega)}$; and

On <u>Page 4</u>, please replace the eighteenth paragraph added after the third paragraph on page 4 (added by the October 28, 2008 Examiner's Amendment) with the following rewritten paragraph:

FIG. 17 shows an addition of flanks ~~$H(\textbf{T})$~~ $\underline{H(\omega)}$.